

ATTORNEY DOCKET NO. 07891/009004

GAR 1635  
# 6 / K.T.  
6/18

PATENT

I.D. S.

Certificate of Mailing: Date of Deposit: June 4, 2002

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Tracey Simmons

Printed name of person mailing correspondence

Tracey Simmons  
Signature of person mailing correspondenceTECH CENTER 1600/2900  
JUN 18 2002

RECEIVED

RECEIVED  
JUN 18 2002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert G. Korneluk et al.

Art Unit: 1635

Serial No.: 09/974,592

Examiner: Not Yet Assigned

Filed: October 9, 2001

Customer No.: 21559

Title: DETECTION AND MODULATION OF IAPS AND NAIP FOR THE  
DIAGNOSIS AND TREATMENT OF PROLIFERATIVE DISEASEAssistant Commissioner for Patents  
Washington, DC 20231TECH CENTER 1600/2900  
JUN 18 2002INFORMATION DISCLOSURE STATEMENT

Applicants submit the attached form PTO-1449. Submission of this statement is not a representation that a search has been made nor is information included in this statement an admission that the information is material to patentability.

Under 35 U.S.C. § 120, this application relies on the earlier filing date of application serial number 09/617,053, filed on July 14, 2000, now U.S. Patent No. 6,300,492, and U.S. Serial No. 08/800,929, filed on February 13, 1997, now Patent No. 6,133,437. The references listed below are provided herewith. The remaining references were submitted to and/or cited by the Office in the prior applications and, therefore, are not provided in this application.

- WO/9706182                  02/20/97    PCT
- U.S. Patent No. 5,834,216    11/10/98    Roizman et al.
- U.S. Patent No. 6,187,557    02/13/01    Rothe et al.
- Crocker et al., "Adenovirus-mediated NAIP overexpression confers protection against global ischemia," *Soc. Neurosci. Abstr.*, 464.18, (1996)
- Dhein et al., "Autocrine T-cells suicide mediated by APO-1 (Fas/CD95)," *Nature*, 373:438, (1995)
- Ferrari et al., "N-acetylcysteine (D- and L-stereoisomers) prevents apoptotic death of neuronal cells," *J. Neurosci.*, 15:2857, (1995)
- Gibellini et al., "Tat-expressing Jurkat cells show an increased resistance to different apoptic stimuli, including acute human immunodeficiency virus-type 1 (HIV-1) infection," *Br. J. Haematol.*, 89:24, (1995)
- Goruppi et al., "Dissection of c-myc domains involved in S phase induction of NIH3T3 fibroblasts," *Oncogene*, 9:1537, (1994)
- Harrington et al., "c-Myc-induced apoptosis in fibroblasts is inhibited by specific cytokines," *EMBO J.*, 13:3286, (1994)
- Itoh et al., "A novel protein domain required for apoptosis. Mutational analysis of human Fas antigen," *J. Biol. Chem.*, 268:10932, (1993)
- Katsikis et al., "Fas antigen stimulation induces marked apoptosis of T lymphocytes in human immunodeficiency virus-infected individuals," *J. Exp. Med.*, 18:2029, (1995)
- Li et al., "Induction of apoptosis in uninfected lymphocytes by HIV-1 Tat protein," *Science*, 268:429, (1995)
- Martin et al., "HIV-1 infection of human CD4<sup>+</sup> T cells *in vitro*. Differential induction of apoptosis in these cells," *J. Immunol.*, 152:330, (1994)
- Melino et al., "Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells," *Mol. Cell Biol.*, 14:6584, (1994)
- Muro-Cacho et al., "Analysis of apoptosis in lymph nodes of HIV-infected persons: Intensity of apoptosis correlates with the general state of activation of the lymphoid tissue and not with stage of disease or viral burden," *J. Immunol.*, 154:5555, (1995)
- Rabizadeh et al., "Expression of the baculovirus p35 gene inhibits mammalian neural cell death," *J. Neurochem.*, 61:2318, (1993)

Robertson et al., "Neuroprotective effects of K252a in cerebral ischemia: The NAIP connection," *Soc. Neurosci. Abstr.*, 654.8 (1996)

Rosenbaum et al., "Evidence for hypoxia-induced, programmed cell death of cultured neurons," *Ann. Neurol.*, 36:864, (1994)

Sato et al., "Neuronal differentiation of PC12 cells as a result of prevention of cell death by *bcl-2*," *J. Neurobiol.*, 25:1227, (1994)

Talley et al., "Tumor necrosis factor alpha-induced apoptosis in human neuronal cells: Protection by the Antioxidant N-Acetylcysteine and the genes *bcl-2* and *crmA*," *Mol. Cell. Biol.* 15:2359, (1995)

Terai et al., "Apoptosis as a mechanism of cell death in cultured T lymphoblasts acutely infected with HIV-1," *J. Clin. Invest.*, 87:1710, (1991)

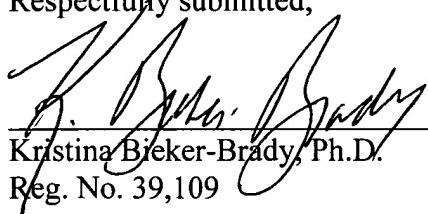
Vossbeck et al., "Direct transforming activity of TGF-beta on rat fibroblasts," *Int. J. Cancer*, 61:92, (1995)

Walkinshaw et al., "Induction of apoptosis in catecholaminergic PC12 cells by L-DOPA. Implications for the Treatment of Parkinson's Disease," *J. Clin. Invest.* 95:2458, (1995)

Please apply any charges or credits to Deposit Account No. 03-2095.

Respectfully submitted,

Date: June 4, 2002

  
Kristina Breker-Brady, Ph.D.  
Reg. No. 39,109

Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110  
Telephone: 617-428-0200  
Facsimile: 617-428-7045  
\Clark-w2k1\documents\07891\07891.009004 IDS to submit PTO.wpd



21559

PATENT TRADEMARK OFFICE